

WHAT IS CLAIMED IS:

1 1. A telephonic communication system for integrating wireless phone
2 service with home phone service, the telephonic communication system comprising:
3 a first communication channel to a wireless phone;
4 a second communication channel to an interface coupled to one or more wired
5 phones at a user location, wherein the first and second communication channels are
6 accessible with a telephone number; and
7 a telephone switch coupled to the first and second communication channels,
8 wherein the telephone switch determines if the first and second communication channels
9 should be simultaneously sent an incoming phone call directed to the telephone number.

1 2. The telephonic communication system for integrating wireless phone
2 service with home phone service as recited in claim 1, wherein the wireless phone and the
3 wireless interface uses one of GSM, CDMA, AMPS, and TDMA transport.

1 3. The telephonic communication system for integrating wireless phone
2 service with home phone service as recited in claim 1, wherein the interface is located at the
3 user location.

1 4. The telephonic communication system for integrating wireless phone
2 service with home phone service as recited in claim 1, wherein the telephone switch
3 provisionally sends the incoming phone call to both the first and second communication
4 channel until acceptance of the incoming phone call when one of the first and second
5 communication channels receives the incoming phone call and the other of the first and
6 second communication channel is disconnected from the incoming phone call.

1 5. The telephonic communication system for integrating wireless phone
2 service with home phone service as recited in claim 1, wherein:
3 the second communication channel can join the incoming phone call of the
4 first communication channel, and
5 the phone call can be manually transferred from the second communication
6 channel to the first communication channel.

1 6. The telephonic communication system for integrating wireless phone
2 service with home phone service as recited in claim 1, wherein the interface is one of a
3 wireless cellular interface, a PSTN interface, and a VOIP interface.

1 7. The telephonic communication system for integrating wireless phone
2 service with home phone service as recited in claim 6, wherein the VOIP interface is one of a
3 wireless Internet interface, a WIFI™ interface, a power line Internet interface, an ultra-wide
4 band wireless interface, a microwave internet interface, a cable modem interface, and a direct
5 broadcast satellite Internet interface.

1 8. The telephonic communication system for integrating wireless phone
2 service with home phone service as recited in claim 1, wherein the first communication
3 channel uses different physical transport within the user location from the second
4 communication channel.

1 9. The telephonic communication system for integrating wireless phone
2 service with home phone service as recited in claim 1, wherein the one or more wired phones
3 are chosen from the group consisting of a POTS phone, a cordless phone, a WIFI™ SIP
4 phone, and a wired SIP phone.

1 10. A method for integrating wireless phone service with home phone
2 service, the method comprising steps of:
3 routing an incoming phone call to a wireless phone;
4 routing the incoming phone call to a wireless interface coupled to one or more
5 wired phones at a user location, wherein the wireless phone and the one or more wired
6 phones are accessible with a telephone number;
7 determining if the wireless phone should be sent an incoming phone call; and
8 determining if the one or more wired phones should be sent the incoming
9 phone call.

1 11. The method for integrating wireless phone service with home phone
2 service as recited in claim 10, wherein the first and second-listed routing steps are performed,
3 at least partially, simultaneously.

1 12. The method for integrating wireless phone service with home phone
2 service as recited in claim 10, wherein the first-listed determining step comprises a step of
3 detecting if the one or more wired phones have been answered.

1 13. The method for integrating wireless phone service with home phone
2 service as recited in claim 10, wherein the second-listed determining step comprises a step of
3 detecting if the one or more wireless phones have been answered.

1 14. The method for integrating wireless phone service with home phone
2 service as recited in claim 10, wherein the one or more wireless phones and the wired phones
3 use a unified voice mailbox.

1 15. A computer-readable medium having computer-executable instructions
2 for performing the computer-implementable method for integrating wireless phone service
3 with home phone service of claim 10.

1 16. A computer system adapted to perform the computer-implementable
2 method for integrating wireless phone service with home phone service of claim 10.

1 17. A method for integrating wireless phone service with home phone
2 service, the method comprising steps of:
3 routing an incoming phone call to a wireless phone;
4 routing the incoming phone call to an interface coupled to one or more wired
5 phones at a user location, wherein:
6 the wireless phone and the one or more wired phones are
7 accessible with a telephone number, and
8 the first and second-listed routing steps are performed, at least
9 partially, simultaneously;
10 determining if the wireless phone should be sent an incoming phone call; and
11 determining if the one or more wired phones should be sent the incoming
12 phone call.

1 18. The method for integrating wireless phone service with home phone
2 service as recited in claim 17, wherein the interface wirelessly couples the one or more wired
3 phones to a phone call transport network.

1 19. The method for integrating wireless phone service with home phone
2 service as recited in claim 17, wherein the first-listed determining step comprises a step of
3 detecting if the one or more wired phones have been answered.

1 20. The method for integrating wireless phone service with home phone
2 service as recited in claim 17, wherein the second-listed determining step comprises a step of
3 detecting if the wireless phone has been answered.

1 21. A computer-readable medium having computer-executable instructions
2 for performing the computer-implementable method for integrating wireless phone service
3 with home phone service of claim 17.

1 22. A computer system adapted to perform the computer-implementable
2 method for integrating wireless phone service with home phone service of claim 17.